

### **Amendments to the Claims:**

The following listing of claims replaces all prior versions of the claims:

#### **Listing of Claims:**

1-9. (canceled)

10. (currently amended) A method comprising:

comparing a subject color medical image acquired using an endoscope to normal color medical image data;

identifying abnormal pixels from the subject color medical image; and

graphically displaying the subject color medical image and highlighting areas of the subject color medical image that have a saturation that is greater than normal.

11-16. (canceled)

17. (currently amended) A method comprising:

graphically displaying a subject color medical image acquired using an endoscope;

comparing the subject color medical image to normal color medical image data to identify abnormal pixels from the subject color medical image; and

highlighting abnormal pixels on the displayed subject color medical image;

where the highlighting includes highlighting areas of the displayed subject color medical image that have a saturation that is greater than normal.

18-26. (canceled)

27. (previously presented) A method comprising:

acquiring a subject color medical image using an endoscope;

displaying a region of interest from the subject color medical image;

comparing the region of interest to normal color medical image data to identify abnormal pixels from the region of interest; and  
highlighting abnormal pixels on the displayed region of interest;  
where the highlighting includes highlighting areas of the displayed region of interest that have a saturation that is greater than normal.

28-33. (canceled)

34. (new) A method comprising:

comparing a subject color medical image to normal color medical image data;  
identifying abnormal pixels from the subject color medical image; and  
displaying the subject color medical image and highlighting areas of the subject color medical image that have a saturation that is greater than normal;  
where the comparing, the identifying, the displaying, and the highlighting are performed using a computer system specifically programmed for the comparing, the identifying, the displaying, and the highlighting.

35. (new) A method comprising:

displaying a subject color medical image;  
comparing the subject color medical image to normal color medical image data to identify abnormal pixels from the subject color medical image; and  
highlighting abnormal pixels on the displayed subject color medical image;  
where the highlighting includes highlighting areas of the displayed subject color medical image that have a saturation that is greater than normal; and

where the displaying, the comparing, and the highlighting are performed using a computer system specifically programmed for the displaying, the comparing, and the highlighting.